SELECTED PAPERS IN COMBINATORICS
A VOLUME DEDICATED TO R.G. STANTON

Guest Editors: B.D. McKAY
J.R. SEBERRY
S.A. VANSTONE

CONTENTS

B.D. McKay, J.R. Seberry and S.A. Vanstone

Ralph Gordon Stanton 1

D. Archdeacon and J.H. Dinitz
Constructing indecomposable 1-factorizations of the complete multigraph 9

L.M. Batten
An extension of Wagner's theorem 21

E.J. Billington and D.G. Hoffman
The number of repeated blocks in balanced ternary designs with block size three II 25

S.R. Chamberlin and D.A. Sprott
On a discrete distribution associated with the statistical assessment of nominal scale agreement 39

C.J. Colbourn, R.A. Mathon, A. Rosa and N. Shalaby
The fine structure of threefold triple systems: $v = 1$ or 3 (mod 6) 49

D. de Caen, D.L. Kreher, S.P. Radziszowski and W.H. Mills
On the covering of t-sets with $(t + 1)$-sets: $C(9, 5, 4)$ and $C(10, 6, 5)$ 65

D. Donovan and S. Oates-Williams
Single laws for sloops and squags 79

P. Erdős, S. Fajtlowicz and W. Staton
Degree sequences in triangle-free graphs 85

J. Gani
A note on a stochastic model for the incubation of transfusion-associated AIDS 89

B.L. Hartnell and W. Kocay
On minimal neighbourhood-connected graphs 95

K. Heinrich, M. Kobayashi and G. Nakamura
Dudeney's round table problem 107

J.D. Horton
A hyperfactorization of order 8, index 2 127

D. Jungnickel and S. Vanstone
Triple systems in PG $(2, q)$ 131

S. Kageyama and K. Sinha
Constructions of partially balanced bipartite block designs 137

A.C. Kim and B.H. Neumann
Laws in a class of groupoids 145

W. Kocay and G.H.J. van Rees
Some non-isomorphic $(4t + 4, 8t + 6, 4t + 3, 2t + 2, 2t + 1)$-BIBD's 159

C. Koukouvinos and J. Seberry
Hadamard matrices of order $\equiv 8$ (mod 16) with maximal excess 173

SELECTED PAPERS IN COMBINATORICS
A VOLUME DEDICATED TO R.G. STANTON

Guest Editors: B.D. McKAY
J.R. SEBERRY
S.A. VANSTONE

CONTENTS

B.D. McKay, J.R. Seberry and S.A. Vanstone

Ralph Gordon Stanton 1

D. Archdeacon and J.H. Dinitz
Constructing indecomposable 1-factorizations of the complete multigraph 9

L.M. Batten
An extension of Wagner's theorem 21

E.J. Billington and D.G. Hoffman
The number of repeated blocks in balanced ternary designs with block size three II 25

S.R. Chamberlin and D.A. Sprott
On a discrete distribution associated with the statistical assessment of nominal scale agreement 39

C.J. Colbourn, R.A. Mathon, A. Rosa and N. Shalaby
The fine structure of threefold triple systems: $v = 1$ or 3 (mod 6) 49

D. de Caen, D.L. Kreher, S.P. Radziszowski and W.H. Mills
On the covering of t-sets with $(t + 1)$-sets: $C(9, 5, 4)$ and $C(10, 6, 5)$ 65

D. Donovan and S. Oates-Williams
Single laws for sloops and squags 79

P. Erdős, S. Fajtlowicz and W. Staton
Degree sequences in triangle-free graphs 85

J. Gani
A note on a stochastic model for the incubation of transfusion-associated AIDS 89

B.L. Hartnell and W. Kocay
On minimal neighbourhood-connected graphs 95

K. Heinrich, M. Kobayashi and G. Nakamura
Dudeney's round table problem 107

J.D. Horton
A hyperfactorization of order 8, index 2 127

D. Jungnickel and S. Vanstone
Triple systems in PG $(2, q)$ 131

S. Kageyama and K. Sinha
Constructions of partially balanced bipartite block designs 137

A.C. Kim and B.H. Neumann
Laws in a class of groupoids 145

W. Kocay and G.H.J. van Rees
Some non-isomorphic $(4t + 4, 8t + 6, 4t + 3, 2t + 2, 2t + 1)$-BIBD's 159

C. Koukouvinos and J. Seberry
Hadamard matrices of order $\equiv 8$ (mod 16) with maximal excess 173

S. Kounias, C. Koukouvinos and K. Sotirakoglou
On Golay sequences 177

C.W.H. Lam, G. Kolesova and L. Thiel
A computer search for finite projective planes of order 9 187

E. Lamken, R. Rees and S. Vanstone
Class-uniformly resolvable pairwise balanced designs with block sizes two and three 197

R. Lidl and W.B. Müller
Generalizations of the Fibonacci pseudoprimes test 211

R.C. Mullin and D. Wevrick
Singular points in pair covers and their relation to Hadamard designs 221

C.St.J.A. Nash-Williams
Reconstruction of locally finite connected graphs with two infinite wings 227

M.G. Oxenham and L.R.A. Casse
On a geometric representation of the subgroups of index 6 in S_6 251

V. Pless
Codes and designs—existence and uniqueness 261

C.E. Praeger
Balanced directed cycle designs based on groups 275

A. Rahilly
On the line structure of designs 291

R. Rees
The spectrum of restricted resolvable designs with $r = 2$ 305

D.G. Sarvate and R.C. Hamm
Row-column directed block designs 321

A.G. Shannon, J.C. Turner and K.T. Atanassov
A generalized tableau associated with colored convolution trees 329

M.J. Sharry and A.P. Street
Partitioning sets of quadruples into designs III 341

R.J. Simpson
Disjoint covering systems of rational Beatty sequences 361

D.R. Stinson
A survey of Kirkman triple systems and related designs 371

M. Sved
The geometry of the binomial array modulo p^2 and p^3 395

W.T. Tutte
On the Birkhoff–Lewis equations 417

W.D. Wallis and J. Wu
On clique partitions of split graphs 427

H.C. Williams
Some formulas concerning the fundamental unit of a real quadratic field 431

B.J. Wilson
Minimax arcs 441

Author index to volume 92 451